

## **FACILITY PERMIT TO OPERATE INDUSTRIAL CONTAINER SERVICES-CA LLC**

### **Facility Equipment and Requirements** (Section D)

This section consists of a table listing all permitted equipment at the facility, facility wide requirements, all individual Permits to Construct and Permits to Operate issued to various equipment at the facility, and Rule 219-exempt equipment subject to source-specific requirements. Each permit and Rule 219-exempt equipment will list operating conditions including periodic monitoring requirements, and applicable emission limits and requirements that the equipment is subject to. Also included is the rule origin and authority of each emission limit and permit condition.

## FACILITY PERMIT TO OPERATE INDUSTRIAL CONTAINER SERVICES-CA LLC

### PERMITTED EQUIPMENT LIST

THE FOLLOWING IS A LIST OF ALL PERMITS TO CONSTRUCT AND PERMITS TO OPERATE AT THIS FACILITY:

Application number	Permit to Operate number	Equipment description
406773	F55694	ABRASIVE BLASTING
406778	F55680	DRUM RECLAMATION FURNACE
406792	F55688	BAGHOUSE
406794	F55690	ABRASIVE BLASTING
406795	F55691	BAGHOUSE
406796	F55692	AFTERBURNER, DIRECT FLAME
406797	F55693	ABRASIVE BLASTING
416080		AFTERBURNER, HOT ROCK BED TYPE
420878		OVEN, BAKING
420879		OVEN, BAKING
439596		OVEN, BAKING
502348		ABRASIVE BLASTING
502349		BAGHOUSE
507222		ABRASIVE BLASTING
507223		ABRASIVE BLASTING
507224		ABRASIVE BLASTING

**NOTE:** EQUIPMENT LISTED ABOVE THAT HAVE NO CORRESPONDING PERMITS TO OPERATE NUMBER ARE ISSUED PERMITS TO CONSTRUCT. THE ISSUANCE OR DENIAL OF THEIR PERMITS TO OPERATE IS SUBJECT TO ENGINEERING FINAL REVIEW. ANY OTHER APPLICATIONS THAT ARE STILL BEING PROCESSED AND HAVE NOT BEEN ISSUED PERMITS TO CONSTRUCT OR PERMITS TO OPERATE WILL NOT BE FOUND IN THIS TITLE V PERMIT.

## **FACILITY PERMIT TO OPERATE INDUSTRIAL CONTAINER SERVICES-CA LLC**

### **FACILITY WIDE CONDITION(S)**

**Condition(s):**

1. EXCEPT FOR OPEN ABRASIVE BLASTING OPERATIONS, THE OPERATOR SHALL NOT DISCHARGE INTO THE ATMOSPHERE FROM ANY SINGLE SOURCE OF EMISSIONS WHATSOEVER ANY AIR CONTAMINANT FOR A PERIOD OR PERIODS AGGREGATING MORE THAN THREE MINUTES IN ANY ONE HOUR WHICH IS:
  - A. AS DARK OR DARKER IN SHADE AS THAT DESIGNATED NO. 1 ON THE RINGELMANN CHART, AS PUBLISHED BY THE UNITED STATES BUREAU OF MINES; OR
  - B. OF SUCH OPACITY AS TO OBSCURE AN OBSERVER'S VIEW TO A DEGREE EQUAL TO OR GREATER THAN DOES SMOKE DESCRIBED IN SUBPARAGRAPH (A) OF THIS CONDITION.  
[RULE 401]
2. THE OPERATOR SHALL NOT USE FUEL OIL CONTAINING SULFUR COMPOUNDS IN EXCESS OF 0.05 PERCENT BY WEIGHT.  
[RULE 431.2]
3. AFTER JUNE 1, 2004, THE OPERATOR SHALL NOT PURCHASE ANY DIESEL FUEL UNLESS THE FUEL IS LOW SULFUR DIESEL FOR WHICH THE SULFUR CONTENT SHALL NOT EXCEED 15 PPM BY WEIGHT AS SUPPLIED BY THE SUPPLIER  
[RULE 431.2]
4. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUNDS (VOC) EMITTED INTO THE ATMOSPHERE FROM THIS FACILITY SHALL NOT EXCEED 1169 POUNDS IN ANY ONE DAY. FOR THE EQUIPMENT THAT IS VENTED TO THE REGENERATIVE THERMAL OXIDIZER, THE VOC EMISSIONS SHALL BE CALCULATED USING THE REQUIRED OVERALL CONTROL EFFICIENCY FOR THE BASIC EQUIPMENT SPECIFIED IN THIS PERMIT.  
[RULE 1303(b)(2)-OFFSET]
5. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS IN RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS FACILITY TO VERIFY DAILY VOC EMISSIONS IN POUNDS AND THE VOC CONTENT OF EACH MATERIAL AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS).  
[RULE 109, 1303(b)(2)-OFFSET]
6. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT, SHALL BE RETAINED AT THE FACILITY FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.  
[RULE 109, 1303(b)(2)-OFFSET]
- 7.. MATERIAL SAFETY DATA SHEETS FOR ALL MATERIALS PROCESSED THROUGH THIS FACILITY SHALL BE KEPT CURRENT AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 109, 1303(b)(2)-OFFSET]

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### **PERMIT TO OPERATE**

**Permit No. F55694  
A/N 406773**

#### **Equipment Description:**

ABRASIVE BLASTING MACHINE, WHEELABRATOR, MODEL 3 W/A DRUM CLEANER, SERIAL NO. A122376, 66-1/2 TOTAL HP.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A VALID PERMIT BY THE DISTRICT.  
[RULE 1303(a)(1)-BACT]

#### **Emissions and Requirements:**

4. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
  
PM: RULE 1140, SEE APPENDIX B FOR EMISSION LIMITS  
PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS

## **FACILITY PERMIT TO OPERATE INDUSTRIAL CONTAINER SERVICES-CA LLC**

### **PERMIT TO OPERATE**

**Permit No. F55680  
A/N 406778**

#### **Equipment Description:**

FURNACE, DRUM RECLAMATION, 5-3" W. X 50'-0" L. X SI-lot, H., 8,000,000 BTU/HR., WITH 12 ECLIPSE NATURAL GAS BURNERS, MODEL 85 TAC, 2 MAXON FUEL-OIL BURNERS 2,000,000 BTU/PER HOUR EACH, A 25-H.P. COMBUSTION AIR BLOWER (COMMON WITH THE ARC AFTERBURNER), AND A 1-1/2 H.P CONVEYOR.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMI WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A VALID PERMIT BY THE DISTRICT.  
[RULE 1303(a)(1)-BACT]
4. THIS EQUIPMENT SHALL NOT BE USED TO PROCESS MORE THAN 3600 DRUMS PER DAY.  
[RULE 1303(b)(2)-OFFSET]
5. A METER SHALL BE MAINTAINED TO RECORD THE ACCUMULATING VOLUME OF FUEL GAS SUPPLIED TO THE FURNACE BURNERS IN CUBIC FEET.  
[RULE 1303(b)(2)-OFFSET]
6. A PRESSURE GAUGE SHALL BE MAINTAINED TO INDICATE THE PRESSURE OF FUEL GAS SUPPLIED AT THE FURNACE BURNERS IN INCHES OF WATER COLUMN OR OUNCES PER SQUARE INCH.  
[RULE 1303(b)(2)-OFFSET]
7. NOT MORE THAN 122,000 CUBIC FEET PER DAY OF NATURAL GAS SHALL BE BURNED IN THIS FURNACE.  
[RULE 1303(b)(2)-OFFSET]
8. A METER SHALL BE MAINTAINED TO REPORT THE ACCUMULATING VOLUME OF FUEL OIL SUPPLIED TO THE FURNACE BURNERS IN GALLONS.  
[RULE 1303(b)(2)-OFFSET]

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9. NOT MORE THAN 549 GALLONS OF FUEL-OIL SHALL BE BURNED IN THIS FURNACE IN ANY ONE DAY.  
[RULE 1303(b)(2)-OFFSET]

### **Periodic Monitoring:**

10. THE OPERATOR SHALL DETERMINE AND RECORD THE DRUM PROCESS RATE, FUEL GAS USAGE AND FUEL OIL USAGE FOR THIS EQUIPMENT ONCE EVERY DAY.  
[RULE 3004(a)(4)]

### **Emissions and Requirements:**

11. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- CO: 2000 PPMV, RULE 407  
PM: 0.1 GR/SCF, RULE 409  
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

## **FACILITY PERMIT TO OPERATE INDUSTRIAL CONTAINER SERVICES-CA LLC**

### **PERMIT TO OPERATE**

**Permit No. F55688  
A/N 406792**

#### **Equipment Description:**

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. BAGHOUSE, WHEELABRATOR, MODEL 126-D, NO.8, WITH A 3/4 H.P. SHAKER.
2. EXHAUST SYSTEM WITH A 15 H.P. BLOWER VENTING TWO ABRASIVE BLASTING MACHINES.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]

#### **Periodic Monitoring:**

3. THE OPERATOR SHALL INSTALL AND MAINTAIN A DIFFERENTIAL PRESSURE GAUGE TO ACCURATELY INDICATE THE DIFFERENTIAL PRESSURE ACROSS THE BAGS. THE OPERATOR SHALL DETERMINE AND RECORD THE PARAMETER BEING MONITORED ONCE EVERY WEEK.  
[RULE 3004(a)(4)]
4. THE OPERATOR SHALL DISCHARGE DUST COLLECTED IN THIS EQUIPMENT ONLY INTO CLOSED CONTAINERS.  
[RULE 3004(a)(4)]
5. THE OPERATOR SHALL PERFORM AN ANNUAL INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
  - A. THE NAME OF THE PERSON PERFORMING THE INSPECTION AND/OR MAINTENANCE OF THE FILTER MEDIA;
  - B. THE DATE, TIME AND RESULTS OF THE INSPECTION; AND
  - C. THE DATE, TIME AND DESCRIPTION OF ANY MAINTENANCE OR REPAIRS RESULTING FROM THE INSPECTION.  
[RULE 3004(a)(4)]

## **FACILITY PERMIT TO OPERATE INDUSTRIAL CONTAINER SERVICES-CA LLC**

6. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON A QUARTERLY BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE QUARTERLY PERIOD. THE ROUTINE QUARTERLY INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS. IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED, THE OPERATOR SHALL TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT.
- THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:
- A. STACK OR EMISSION POINT IDENTIFICATION;
  - B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS; AND
  - C. DATE AND TIME VISIBLE EMISSION WAS ABATED.
- [RULE 3004(a)(4)]

### **Emissions and Requirements:**

7. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATION:
- PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

## **FACILITY PERMIT TO OPERATE INDUSTRIAL CONTAINER SERVICES-CA LLC**

### **PERMIT TO OPERATE**

**Permit No. F55690  
A/N 406794**

#### **Equipment Description:**

ABRASIVE BLASTING MACHINE, WHEELABRATOR, DRUM CLEANING TYPE, SERIAL NO. A-80198, WITH ONE 30 H.P. AND TWO 15 H.P. IMPELLER WHEELS, A 1 H.P. SPINNER, A 1 H.P. ROTATING TABLE AND 1/2 H.P. DRUM ROTATOR.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A VALID PERMIT BY THE DISTRICT.  
[RULE 1303(a)(1)-BACT]

#### **Emissions and Requirements:**

4. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
  
PM: RULE 1140, SEE APPENDIX B FOR EMISSION LIMITS  
PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS

## **FACILITY PERMIT TO OPERATE INDUSTRIAL CONTAINER SERVICES-CA LLC**

### **PERMIT TO OPERATE**

**Permit No. F55691  
A/N 406795**

#### **Equipment Description:**

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. BAGHOUSE, WHEELABRATOR, MODEL NO. 85A, 3-3W. X 8-3' L. X 8-8" H., WITH 192 BAGS, 0-5" DIA. X 10-6" L. EACH, 2640 SQ.FT TOTAL FILTER AREA, AND A 1 H.P. SHAKER.
2. EXHAUST SYSTEM WITH A 15 H.P. BLOWER VENTING AN ABRASIVE BLASTING MACHINE.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMI WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. A MECHANICAL GAUGE SHALL BE MAINTAINED SO AS TO INDICATE, IN INCHES OF WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE BAGS.  
[RULE 1303(a)(1)-BACT]
4. DUSTS COLLECTED IN THE BAGHOUSE SHALL BE DISCHARGED ONLY INTO CLOSED CONTAINERS.  
[RULE 1303(a)(1)-BACT]

#### **Periodic Monitoring:**

5. THE OPERATOR SHALL DETERMINE AND RECORD THE PRESSURE DROP ACROSS THE BAGS ONCE EVERY WEEK.  
[RULE 3004(a)(4)]
6. THE OPERATOR SHALL PERFORM AN ANNUAL INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
  - A. THE NAME OF THE PERSON PERFORMING THE INSPECTION AND/OR MAINTENANCE OF THE FILTER MEDIA;

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- B. THE DATE, TIME AND RESULTS OF THE INSPECTION; AND
  - C. THE DATE, TIME AND DESCRIPTION OF ANY MAINTENANCE OR REPAIRS RESULTING FROM THE INSPECTION.
- [RULE 3004(a) (4)]

7. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON A QUARTERLY BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE QUARTERLY PERIOD. THE ROUTINE QUARTERLY INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS. IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED, THE OPERATOR SHALL TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT.
- THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:
- A. STACK OR EMISSION POINT IDENTIFICATION;
  - B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS; AND
  - C. DATE AND TIME VISIBLE EMISSION WAS ABATED.
- [RULE 3004 (a)(4)]

### **Emissions and Requirements:**

8. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATION:
- PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

## **FACILITY PERMIT TO OPERATE INDUSTRIAL CONTAINER SERVICES-CA LLC**

### **PERMIT TO OPERATE**

**Permit No. F55692  
A/N 406796**

#### **Equipment Description:**

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. HEAT RECUPERATOR, 20-H.P.
2. BOILER, WASTE HEAT, HERCULES, WATER TUBE TYPE, 250 BOILER H.P., WITH A 40-H.P. BLOWER.
3. AFTERBURNER, SPENCER BOILER AND ENGINEERING, 4-5" DIA. X 20-3" L., WITH FOUR ECLIPSE BURNERS, MODEL 126 HFC, 4,800,000 BTU/HR, GAS-OR-OIL-FIRED, AND A 25-H.P. COMBUSTION AIR BLOWER (COMMON WITH THE DRUM FURNACE).
4. EXHAUST SYSTEM WITH A 60-H.P. BLOWER VENTING A DRUM RECLAMATION FURNACE.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. A TEMPERATURE OF NOT LESS THAN 1700 DEGREES F SHALL BE MAINTAINED IN THE AFTERBURNER WHEN THE EQUIPMENT IT SERVES IS IN OPERATION.  
[RULE 1303(a)(1)-BACT]

#### **Periodic Monitoring:**

4. THE OPERATOR SHALL INSTALL AND MAINTAIN A TEMPERATURE READING DEVICE TO ACCURATELY INDICATE THE TEMPERATURE OF THE AFTERBURNER. THE OPERATOR SHALL ALSO INSTALL AND MAINTAIN A DEVICE TO CONTINUOUSLY RECORD THE PARAMETER BEING MEASURED.  
[RULE 3004 (a)(4)]

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5. THE OPERATOR SHALL CONDUCT SOURCE TEST(S) IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
- A. THE TEST SHALL BE CONDUCTED AT LEAST ONCE DURING THE LIFE OF THE PERMIT.
  - B. THE TEST SHALL BE CONDUCTED TO DETERMINE THE VOC EMISSIONS USING EPA METHOD 25 OR 25A MEASURED OVER A 60 MINUTE AVERAGING TIME PERIOD.
  - C. THE TEST SHALL BE CONDUCTED TO DETERMINE THE OVERALL CONTROL EFFICIENCY OF THIS EQUIPMENT.
- [RULE 3004(a)(4)]

### **Emissions and Requirements:**

6. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- CO: 2000 PPMV, RULE 407  
PM: 0.1 GR/SCF, RULE 409  
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

## **FACILITY PERMIT TO OPERATE INDUSTRIAL CONTAINER SERVICES-CA LLC**

### **PERMIT TO OPERATE**

**Permit No. F55693  
A/N 406797**

#### **Equipment Description:**

ABRASIVE BLASTING MACHINE, WHEELABRATOR, NO. 1-A MULTI-TABLE, 17-1/2 TOTAL H.P. LID BLASTER.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMI WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A VALID PERMIT BY THE DISTRICT.  
[RULE 1303(a)(1)-BACT]

#### **Emissions and Requirements:**

4. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
  
PM: RULE 1140, SEE APPENDIX B FOR EMISSION LIMITS  
PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS

## **FACILITY PERMIT TO OPERATE INDUSTRIAL CONTAINER SERVICES-CA LLC**

### **PERMIT TO CONSTRUCT**

**A/N 416080  
Granted as of  
December 2, 2003**

#### **Equipment Description:**

##### **AIR POLLUTION CONTROL SYSTEM CONSISTING OF:**

1. SPRAY BOOTH NO. 1, LID EXTERIOR, BENCH TYPE, 3' - 6" W. x 3' - 6" L. x 3' - 10" H., WITH SIX 20" x 20" EXHAUST FILTERS AND ONE ½ HP EXHAUST FAN.
2. SPRAY BOOTH NO. 2, LID EXTERIOR, BENCH TYPE, 3' - 6" W. x 3' - 8" L. x 3' - 10" H., WITH SIX 20" x 20" EXHAUST FILTERS AND ONE 1 HP EXHAUST FAN.
3. SPRAY BOOTH NO. 3, LID INTERIOR, BENCH TYPE, 4' - 3" W. x 3' - 6" L. x 3' - 10" H., WITH TWO 20" x 20" EXHAUST FILTERS AND ONE 1 HP EXHAUST FAN.
4. SPRAY BOOTH NO. 4, LID INTERIOR, BENCH TYPE, 5' - 0" W. x 4' - 0" L. x 3' - 11" H., WITH TWO 20" x 20" EXHAUST FILTERS AND ONE 1 HP EXHAUST FAN.
5. SPRAY BOOTH NO. 5, DRUM EXTERIOR, CUSTOM, CONVEYORIZED FLOOR FILTER TYPE, 8' - 4" W. x 12' - 0" L. x 10' - 8" H., WITH EIGHT 20" x 20" EXHAUST FILTERS AND ONE 1/3 HP EXHAUST FAN.
6. SPRAY BOOTH NO. 6/7, DRUM INTERIOR, FLOOR TYPE, 12' - 4" W. x 12' - 8" L. x 10' - 8" H., WITH TWO 3' - 2" x 6' - 7" EXHAUST FILTERS AND ONE 1 HP EXHAUST FAN.
7. REGENERATIVE THERMAL OXIDIZER, DURR MFG, MODEL NO. RL-25, 35' - 0" L. x 22' - 2" W., 25,750 SCFM, WITH TWO CERAMIC BEDS, A 3,000,000 BTU/HR NATURAL GAS-FIRED BURNER, AND A 5 HP COMBUSTION BLOWER.
8. EXHAUST SYSTEM, CONSISTING OF:
  - A. PERMANENT TOTAL ENCLOSURE NO. 1, CONSISTING OF:
    - i. SPRAY BOOTH NO. 5, DRUM EXTERIOR
    - ii. FLASH OFF TUNNEL 7' - 0" W. x 74' - 0" L. X 7' - 8" H.
  - B. PERMANENT TOTAL ENCLOSURE NO. 2, CONSISTING OF:
    - i. SPRAY BOOTH NO. 6/7, DRUM INTERIOR
    - ii. DRUM CURING OVEN
    - iii. OVEN EXIT HOOD ENCLOSURE
  - C. ONE 200 HP MAIN BLOWER, VENTING PERMANENT TOTAL ENCLOSURES NO. 1 and NO. 2, SPRAY BOOTH NOs. 1, 2, 3 & 4, OVEN NO. 8a, AND OVEN NO. 8b.

## FACILITY PERMIT TO OPERATE INDUSTRIAL CONTAINER SERVICES-CA LLC

### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE SPRAY BOOTHS SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH FILTER MEDIA AT LEAST TWO INCHES THICK AND IS VENTED TO THE REGENERATIVE THERMAL OXIDIZER WHICH IS IN FULL OPERATION AND HAS BEEN ISSUED A VALID PERMIT BY THE DISTRICT.  
[RULE 1303(a)(1)-BACT]
4. A GAUGE SHALL BE INSTALLED AND MAINTAINED ON EACH SPRAY BOOTH TO INDICATE, IN INCHES OF WATER, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE EXHAUST FILTERS. IN OPERATION THE PRESSURE DIFFERENTIAL SHALL NOT EXCEED 0.25 INCHES OF WATER..  
[RULE 1303(a)(1)-BACT]
5. THE VOC CONTENT OF THE COATINGS USED IN THE LID EXTERIOR SPRAY BOOTHS NO. 1 AND NO. 2 SHALL NOT EXCEED 2.83 LBS PER GALLON AS APPLIED, LESS WATER AND EXEMPT COMPOUNDS.  
[RULE 1303(a)(1)-BACT]
6. THIS OXIDIZER SHALL BE EQUIPPED WITH A PYROMETER, TEMPERATURE INDICATOR AND RECORDER, TO CONTINUOUSLY MEASURE, DISPLAY, AND RECORD THE TEMPERATURE IN THE COMBUSTION ZONE.  
[RULE 1303(a)(1)-BACT]
7. THE PYROMETER SHALL BE CALIBRATED AT LEAST ONCE A YEAR, AND MORE OFTEN IF NECESSARY, TO ENSURE THAT THE ACCURACY OF THE READINGS IS WITHIN PLUS OR MINUS 30 DEGREES FAHRENHEIT.  
[RULE 1303(a)(1)-BACT]
8. A TEMPERATURE OF NOT LESS THAN 1,400 DEGREES FAHRENHEIT SHALL BE MAINTAINED IN THE COMBUSTION ZONE OF THE OXIDIZER WHEN THE BASIC EQUIPMENT THAT IS VENTED TO THIS OXIDIZER IS IN OPERATION.  
[RULE 1303(a)(1)-BACT]
9. THE REGENERATIVE THERMAL OXIDIZER (RTO) SHALL BE MAINTAINED AND OPERATED AT A MINIMUM DESTRUCTION EFFICIENCY OF 95% AND A MINIMUM OVERALL CONTROL (COLLECTION AND DESTRUCTION) EFFICIENCY AS SHOWN IN THE FOLLOWING TABLE WHEN THE EQUIPMENT IT SERVES IS IN OPERATION.

## FACILITY PERMIT TO OPERATE INDUSTRIAL CONTAINER SERVICES-CA LLC

EQUIPMENT	OVERALL CONTROL EFFICIENCY
SPRAY BOOTH NO. 1	57
SPRAY BOOTH NO. 2	57
SPRAY BOOTH NO. 3	65
SPRAY BOOTH NO. 4	65
SPRAY BOOTH NO. 5	95
SPRAY BOOTH NO. 6/7	95

[RULE 1303(a)(1)-BACT]

10. THE OPERATOR SHALL MAINTAIN THE PERMANENT TOTAL ENCLOSURES (PTE) TO COMPLY WITH ALL CRITERIA SPECIFIED IN EPA METHOD 204.  
 [RULE 1303(a)(1)-BACT]
  
11. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE I, (EXCEPT FOR XYLENE - CAS 1330-20-7, TOLUENE - CAS 108-88-3, ETHYL BENZENE - CAS 100-41-4, FORMALDEHYDE - CAS 50-00-0, ISOPROPYL ALCOHOL - CAS 67-63-0, METHYL ETHYL KETONE - CAS 78-93-3, ETHYLENE GLYCOL - CAS 107-21-1, AND STYRENE - CAS 100-42-5) WITH AN EFFECTIVE DATE OF MAY 2, 2003, OR EARLIER.  
 [RULE 1401]
  
12. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT SOURCE TESTS UNDER THE FOLLOWING CONDITIONS:
  - A. THIS SOURCE TEST SHALL BE CONDUCTED NO LATER THAN 180 DAYS AFTER THE INITIAL START-UP OF THIS EQUIPMENT UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.
  
  - B. A SOURCE TEST PROTOCOL SHALL BE SUBMITTED TO THE DISTRICT NO LATER THAN 60 DAYS AFTER THE INITIAL START-UP OF THIS EQUIPMENT UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE TEST PROTOCOL SHALL BE APPROVED IN WRITING BY THE DISTRICT BEFORE THE TEST COMMENCES. THE TEST PROTOCOL SHALL INCLUDE THE COMPLETED DISTRICT FORMS ST-1 AND ST-2 SPECIFYING THE PROPOSED OPERATING CONDITIONS OF THE EQUIPMENT DURING THE TEST, THE IDENTITY OF THE TESTING LABORATORY, A STATEMENT FROM THE TESTING LABORATORY CERTIFYING IT MEETS THE CRITERIA IN DISTRICT RULE 304(K), AND A DESCRIPTION OF THE SAMPLING AND ANALYTICAL PROCEDURES TO BE USED.
  
  - C. THE SOURCE TESTS SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO, TESTING AT THE INLET AND THE EXHAUST OF THE OXIDIZER FOR:
    1. VOLATILE ORGANIC COMPOUND (VOC) IN PPMV AND LBS/HR
    2. OXIDES OF NITROGEN (AFTERBURNER EXHAUST ONLY)
    3. CARBON MONOXIDE (AFTERBURNER EXHAUST ONLY)
    4. VOC DESTRUCTION EFFICIENCY
    5. VOC COLLECTION EFFICIENCY FOR EACH OF THE LID SPRAY BOOTH NOS. 1, 2, 3 & 4
    6. USAGE OF ALL VOC-CONTAINING MATERIALS (COATINGS, SOLVENTS, ETC.) DURING THE TEST
    7. OXYGEN CONTENT
    8. MOISTURE CONTENT

## FACILITY PERMIT TO OPERATE INDUSTRIAL CONTAINER SERVICES-CA LLC

- 9. FLOW RATE
- 10. TEMPERATURE
- 11. DEMONSTRATE THAT THE PTES MEET THE CRITERIA FOR PTE PURSUANT TO EPA METHOD 204.

[RULE 1303(a)(1)-BACT]

- 14. IN ADDITION TO THE SOURCE TEST REQUIREMENTS SPECIFIED IN CONDITION NO. 16, THE OWNER OR OPERATOR SHALL COMPLY WITH THE FOLLOWING:
  - A. A WRITTEN NOTICE OF THE SOURCE TESTS SHALL BE SUBMITTED TO THE DISTRICT AT LEAST 14 DAYS PRIOR TO THE SOURCE TESTING DATE SO THAT AN OBSERVER FROM THE DISTRICT MAY BE PRESENT.
  - B. TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SHALL BE SUBMITTED TO THE DISTRICT WITHIN 45 DAYS AFTER THE SOURCE TESTING DATE. THE SOURCE TEST REPORT SHALL INCLUDE, BUT NOT BE LIMITED TO ALL TESTING DATA REQUIRED BY THIS PERMIT.
  - C. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR CRITERIA POLLUTANTS TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TESTS.
  - D. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.

[RULE 1303(a)(1)-BACT]

### Periodic Monitoring:

- 15. THE OPERATOR SHALL PERFORM A WEEKLY INSPECTION OF THE SPRAY BOOTHS AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
  - A. THE NAME OF THE PERSON PERFORMING THE INSPECTION AND/OR MAINTENANCE OF THE FILTER MEDIA;
  - B. THE DATE, TIME AND RESULTS OF THE INSPECTION; AND
  - C. THE DATE, TIME AND DESCRIPTION OF ANY MAINTENANCE OR REPAIRS RESULTING FROM THE INSPECTION.

[RULE 3004 (a)(4)]

- 16. THE OPERATOR SHALL CONDUCT SOURCE TEST(S) IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
  - A. THE TEST SHALL BE CONDUCTED AT LEAST ONCE DURING THE LIFE OF THE PERMIT.
  - B. THE TEST SHALL BE CONDUCTED TO DETERMINE THE VOC EMISSIONS USING EPA METHOD 25 OR 25A MEASURED OVER A 60 MINUTE AVERAGING TIME PERIOD.
  - C. THE TEST SHALL BE CONDUCTED TO DEMONSTRATE COMPLIANCE WITH THE OVERALL

## **FACILITY PERMIT TO OPERATE INDUSTRIAL CONTAINER SERVICES-CA LLC**

VOC CONTROL EFFICIENCY.  
[RULE 3004(a)(4)]

### **Emissions and Requirements:**

17. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 109  
VOC: RULE 1125, SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 1132, SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS  
HAP: 40CFR63 SUBPART MMMM, SEE SECTION J FOR REQUIREMENTS  
PM: RULE 481  
CO: 2000 PPMV, RULE 407  
PM: 0.1 GR/SCF, RULE 409  
PM RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

## **FACILITY PERMIT TO OPERATE INDUSTRIAL CONTAINER SERVICES-CA LLC**

### **PERMIT TO CONSTRUCT**

**A/N 420879  
Granted as of  
December 2, 2003**

#### **Equipment Description:**

LID OVEN 8b, BATCH, 7' - 3" W. x 20' - 2" L. x 6' - 3" H., INDIRECT HEAT FROM DRUM OVEN 8a, WITH TWO 800,000 MMBTU/HR DIRECT GAS FIRED MAXON CYCLOMAX LOW NO<sub>x</sub> BURNERS, AND A 7.5 HP CIRCULATING FAN, VENTED TO THE REGENERATIVE THERMAL OXIDIZER.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THIS OVEN SHALL BE FIRED ON NATURAL GAS ONLY.  
[RULE 1303(a)(1)-BACT]
4. THE OXIDE OF NITROGEN (NO<sub>x</sub>) EMISSIONS DISCHARGED FROM THIS EQUIPMENT SHALL NOT EXCEED 30 PPM, CALCULATED AS NO<sub>2</sub> BY VOLUME ON A DRY BASIS @ 3% OXYGEN, AVERAGED OVER 30 CONSECUTIVE MINUTES.  
[RULE 1303(a)(1)-BACT]
5. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR IS VENTED TO THE REGENERATIVE THERMAL OXIDIZER WHICH IS IN FULL OPERATION AND HAS BEEN ISSUED A VALID PERMIT BY THE DISTRICT.  
[RULE 1303(a)(1)-BACT]

#### **Emissions and Requirements:**

6. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
  
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS  
PM: 0.1 GR/SCF, RULE 409  
CO: 2000 PPMV, RULE 407

## **FACILITY PERMIT TO OPERATE INDUSTRIAL CONTAINER SERVICES-CA LLC**

### **PERMIT TO CONSTRUCT**

**A/N 439596  
Granted as of  
June 8, 2005**

#### **Equipment Description:**

DRUM OVEN 8a, CONVEYORIZED, 6' -0" W. x 82' - 4" L. x 6' - 3" H., WITH TWO 3,200,000 BTU/HR INDIRECT GAS FIRED LOW NO<sub>x</sub> BURNERS, A 5 HP CIRCULATING FAN AND TWO 2 HP CIRCULATING FANS, VENTED TO THE REGENERATIVE THERMAL OXIDIZER.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THIS OVEN SHALL BE FIRED ON NATURAL GAS ONLY.  
[RULE 1303(a)(1)-BACT]
4. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR IS VENTED TO THE REGENERATIVE THERMAL OXIDIZER WHICH IS IN FULL OPERATION AND HAS BEEN ISSUED A VALID PERMIT BY THE DISTRICT.  
[RULE 1303(a)(1)-BACT]

#### **Emissions and Requirements:**

5. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS  
PM: 0.1 GR/SCF, RULE 409  
CO: 2000 PPMV, RULE 407

## **FACILITY PERMIT TO OPERATE INDUSTRIAL CONTAINER SERVICES-CA LLC**

### **PERMIT TO CONSTRUCT**

**A/N 502348  
Granted as of**

#### **Equipment Description:**

ABRASIVE BLASTING MACHINE, LID CLEANING, WHEELABRATOR, MODEL 2, WITH TWO 20 HP IMPELLER WHEELS.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A VALID PERMIT BY THE DISTRICT.  
[RULE 1303(a) (1)-BACT]
4. THE TOTAL COMBINED PM<sub>10</sub> EMISSIONS FROM THE FOUR ABRASIVE BLASTING SYSTEMS OPERATING UNDER APPLICATION NUMBERS 502348, 507222, 507223 AND 507224 SHALL NOT EXCEED 145 POUNDS IN ANY CALENDAR MONTH.  
[RULE 1303(b) (2)-OFFSET]
5. THE PM<sub>10</sub> EMISSIONS FOR EACH WHEELABRATOR ABRASIVE BLASTING MACHINE OPERATING UNDER APPLICATION NUMBERS 502348, 507222, 507223 AND 507224 SHALL BE CALCULATED AS FOLLOWS:  
  
$$\text{PM}_{10} \text{ LBS/DAY} = \text{TOTAL HP OF IMPELLER WHEELS} \times 0.15 \text{ LBS PM}_{10}/\text{HP-HR} \times \text{HRS/DAY} \times (1-0.99)$$
  
[RULE 1303(b) (2)-OFFSET]
6. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE OPERATING TIME OF THIS EQUIPMENT.  
[RULE 1303(b) (2)-OFFSET]
7. THE OPERATOR SHALL MAINTAIN A DAILY LOG OF OPERATING TIME OF THIS EQUIPMENT TO DEMONSTRATE COMPLIANCE WITH CONDITION NOS. 4 AND 5. THE LOG SHALL INCLUDE, AT A MINIMUM, THE DATE THE EQUIPMENT IS OPERATED, THE METER READINGS AT THE

## **FACILITY PERMIT TO OPERATE INDUSTRIAL CONTAINER SERVICES-CA LLC**

BEGINNING AND THE END OF OPERATION AND TOTAL TIME THE EQUIPMENT IS OPERATED EACH DAY. THE OPERATOR SHALL CALCULATE THE DAILY PM<sub>10</sub> EMISSIONS AS SPECIFIED IN CONDITION NO. 5 FOR EACH ABRASIVE BLASTING MACHINE AND SHALL TOTAL THE EMISSIONS AT THE END OF EACH DAY FROM ALL FOUR MACHINES. THE TOTAL DAILY PM<sub>10</sub> EMISSIONS SHALL BE ADDED AT THE END OF EACH CALENDAR MONTH TO VERIFY COMPLIANCE WITH CONDITION 4.  
[RULE 1303(b) (2)-OFFSET]

### **Emissions and Requirements:**

8. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 1140, SEE APPENDIX B FOR EMISSION LIMITS  
PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS

## **FACILITY PERMIT TO OPERATE INDUSTRIAL CONTAINER SERVICES-CA LLC**

### **PERMIT TO CONSTRUCT**

**A/N 502349**  
**Granted as of**

#### **Equipment Description:**

AIR POLLUTION CONTROL SYSTEM (STEEL SHOT), CONSISTING OF:

1. DUST COLLECTOR, TORIT MANUFACTURING, MODEL DFT 3-18, 6'-4" W. x 6'-8" L. x 13'-3" H. WITH NINE 12" DIA. x 24" L. CARTRIDGE FILTERS, 1710 SQ. FT. ACTUAL FILTER AREA, AND A PULSE JET CLEANING SYSTEM.
2. EXHAUST SYSTEM WITH ONE 30 H.P. BLOWER VENTING A LID ABRASIVE BLASTING SYSTEM.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. A MECHANICAL GAUGE SHALL BE MAINTAINED SO AS TO INDICATE, IN INCHES OF WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE CARTRIDGE FILTERS.  
[RULE 1303(a)(1)-BACT]
4. DUSTS COLLECTED IN THE DUST COLLECTOR SHALL BE DISCHARGED ONLY INTO CLOSED CONTAINERS.  
[RULE 1303(a)(1)-BACT]

#### **Periodic Monitoring:**

5. THE OPERATOR SHALL DETERMINE AND RECORD THE PRESSURE DROP ACROSS THE CARTRIDGE FILTERS ONCE EVERY WEEK.  
[RULE 3004(a)(4)]
6. THE OPERATOR SHALL PERFORM AN ANNUAL INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

## **FACILITY PERMIT TO OPERATE INDUSTRIAL CONTAINER SERVICES-CA LLC**

- A. THE NAME OF THE PERSON PERFORMING THE INSPECTION AND/OR MAINTENANCE OF THE FILTER MEDIA;
- B. THE DATE, TIME AND RESULTS OF THE INSPECTION; AND
- C. THE DATE, TIME AND DESCRIPTION OF ANY MAINTENANCE OR REPAIRS RESULTING FROM THE INSPECTION.

[RULE 3004(a) (4)]

7. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON A QUARTERLY BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE QUARTERLY PERIOD. THE ROUTINE QUARTERLY INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS. IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED, THE OPERATOR SHALL TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT.

THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS; AND
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED.

[RULE 3004 (a)(4)]

### **Emissions and Requirements:**

8. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATION:

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

## **FACILITY PERMIT TO OPERATE INDUSTRIAL CONTAINER SERVICES-CA LLC**

### **PERMIT TO CONSTRUCT**

**A/N 507222  
Granted as of**

#### **Equipment Description:**

MODIFICATION TO ABRASIVE BLASTING MACHINE CONSISTING OF:

ABRASIVE BLASTING MACHINE, DRUM CLEANING, WHEELABRATOR, SERIAL NO. A-80198, WITH THREE 20 HP IMPELLER WHEELS, A 1 H.P. SPINNER, A 1 H.P. ROTATING TABLE AND A ½ H.P. DRUM ROTATOR.

BY THE ADDITION OF A NON-RESETTABLE TOTALIZING TIME METER, AND TO CHANGE PERMIT CONDITIONS.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A VALID PERMIT BY THE DISTRICT.  
[RULE 1303(a) (1)-BACT]
4. THE TOTAL COMBINED PM<sub>10</sub> EMISSIONS FROM THE FOUR ABRASIVE BLASTING SYSTEMS OPERATING UNDER APPLICATION NUMBERS 502348, 507222, 507223 AND 507224 SHALL NOT EXCEED 145 POUNDS IN ANY CALENDAR MONTH.  
[RULE 1303(b) (2)-OFFSET]
5. THE PM<sub>10</sub> EMISSIONS FOR EACH WHEELABRATOR ABRASIVE BLASTING MACHINE OPERATING UNDER APPLICATION NUMBERS 502348, 507222, 507223 AND 507224 SHALL BE CALCULATED AS FOLLOWS:

PM<sub>10</sub> LBS/DAY = TOTAL HP OF IMPELLER WHEELS x 0.15 LBS PM<sub>10</sub>/HP-HR x HRS/DAY x (1-0.99)

[RULE 1303(b) (2)-OFFSET]

## **FACILITY PERMIT TO OPERATE INDUSTRIAL CONTAINER SERVICES-CA LLC**

6. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE OPERATING TIME OF THIS EQUIPMENT.  
[RULE 1303(b) (2)-OFFSET]
7. THE OPERATOR SHALL MAINTAIN A DAILY LOG OF OPERATING TIME OF THIS EQUIPMENT TO DEMONSTRATE COMPLIANCE WITH CONDITION NOS. 4 AND 5. THE LOG SHALL INCLUDE, AT A MINIMUM, THE DATE THE EQUIPMENT IS OPERATED, THE METER READINGS AT THE BEGINNING AND THE END OF OPERATION AND TOTAL TIME THE EQUIPMENT IS OPERATED EACH DAY. THE OPERATOR SHALL CALCULATE THE DAILY PM<sub>10</sub> EMISSIONS AS SPECIFIED IN CONDITION NO. 5 FOR EACH ABRASIVE BLASTING MACHINE AND SHALL TOTAL THE EMISSIONS AT THE END OF EACH DAY FROM ALL FOUR MACHINES. THE TOTAL DAILY PM<sub>10</sub> EMISSIONS SHALL BE ADDED AT THE END OF EACH CALENDAR MONTH TO VERIFY COMPLIANCE WITH CONDITION 4.  
[RULE 1303(b) (2)-OFFSET]

### **Emissions and Requirements:**

8. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
  
PM: RULE 1140, SEE APPENDIX B FOR EMISSION LIMITS  
PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS

## **FACILITY PERMIT TO OPERATE INDUSTRIAL CONTAINER SERVICES-CA LLC**

### **PERMIT TO CONSTRUCT**

**A/N 507223  
Granted as of**

#### **Equipment Description:**

MODIFICATION TO ABRASIVE BLASTING MACHINE CONSISTING OF:

ABRASIVE BLASTING MACHINE, DRUM CLEANING, WHEELABRATOR, MODEL 3 W/A, SERIAL NO. A122376, WITH THREE 20 H.P. IMPELLER WHEELS.

BY THE ADDITION OF A NON-RESETTABLE TOTALIZING TIME METER, AND TO CHANGE PERMIT CONDITIONS.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A VALID PERMIT BY THE DISTRICT.  
[RULE 1303(a) (1)-BACT]
4. THE TOTAL COMBINED PM<sub>10</sub> EMISSIONS FROM THE FOUR ABRASIVE BLASTING SYSTEMS OPERATING UNDER APPLICATION NUMBERS 502348, 507222, 507223 AND 507224 SHALL NOT EXCEED 145 POUNDS IN ANY CALENDAR MONTH.  
[RULE 1303(b) (2)-OFFSET]
5. THE PM<sub>10</sub> EMISSIONS FOR EACH WHEELABRATOR ABRASIVE BLASTING MACHINE OPERATING UNDER APPLICATION NUMBERS 502348, 507222, 507223 AND 507224 SHALL BE CALCULATED AS FOLLOWS:  
  
$$\text{PM}_{10} \text{ LBS/DAY} = \text{TOTAL HP OF IMPELLER WHEELS} \times 0.15 \text{ LBS PM}_{10}/\text{HP-HR} \times \text{HRS/DAY} \times (1-0.99)$$
  
[RULE 1303(b) (2)-OFFSET]
6. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE OPERATING TIME OF THIS EQUIPMENT.  
[RULE 1303(b) (2)-OFFSET]

## FACILITY PERMIT TO OPERATE INDUSTRIAL CONTAINER SERVICES-CA LLC

7. THE OPERATOR SHALL MAINTAIN A DAILY LOG OF OPERATING TIME OF THIS EQUIPMENT TO DEMONSTRATE COMPLIANCE WITH CONDITION NOS. 4 AND 5. THE LOG SHALL INCLUDE, AT A MINIMUM, THE DATE THE EQUIPMENT IS OPERATED, THE METER READINGS AT THE BEGINNING AND THE END OF OPERATION AND TOTAL TIME THE EQUIPMENT IS OPERATED EACH DAY. THE OPERATOR SHALL CALCULATE THE DAILY PM<sub>10</sub> EMISSIONS AS SPECIFIED IN CONDITION NO. 5 FOR EACH ABRASIVE BLASTING MACHINE AND SHALL TOTAL THE EMISSIONS AT THE END OF EACH DAY FROM ALL FOUR MACHINES. THE TOTAL DAILY PM<sub>10</sub> EMISSIONS SHALL BE ADDED AT THE END OF EACH CALENDAR MONTH TO VERIFY COMPLIANCE WITH CONDITION 4.  
[RULE 1303(b) (2)-OFFSET]

### **Emissions and Requirements:**

8. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- PM: RULE 1140, SEE APPENDIX B FOR EMISSION LIMITS  
PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS

## **FACILITY PERMIT TO OPERATE INDUSTRIAL CONTAINER SERVICES-CA LLC**

### **PERMIT TO CONSTRUCT**

**A/N 507224  
Granted as of**

#### **Equipment Description:**

MODIFICATION TO ABRASIVE BLASTING MACHINE CONSISTING OF:

ABRASIVE BLASTING MACHINE, LID CLEANING, WHEELABRATOR, NO. 1-A MULTI-TABLE, WITH ONE 15 HP IMPELLER WHEEL, ONE 1-HP TABLE DRIVE AND ONE 1/2 -HP SPINNER.

BY THE ADDITION OF A NON-RESETTABLE TOTALIZING TIME METER, AND TO CHANGE PERMIT CONDITIONS.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A VALID PERMIT BY THE DISTRICT.  
[RULE 1303(a) (1)-BACT]
4. THE TOTAL COMBINED PM<sub>10</sub> EMISSIONS FROM THE FOUR ABRASIVE BLASTING SYSTEMS OPERATING UNDER APPLICATION NUMBERS 502348, 507222, 507223 AND 507224 SHALL NOT EXCEED 145 POUNDS IN ANY CALENDAR MONTH.  
[RULE 1303(b) (2)-OFFSET]
5. THE PM<sub>10</sub> EMISSIONS FOR EACH WHEELABRATOR ABRASIVE BLASTING MACHINE OPERATING UNDER APPLICATION NUMBERS 502348, 507222, 507223 AND 507224 SHALL BE CALCULATED AS FOLLOWS:  
  
$$\text{PM}_{10} \text{ LBS/DAY} = \text{TOTAL HP OF IMPELLER WHEELS} \times 0.15 \text{ LBS PM}_{10}/\text{HP-HR} \times \text{HRS/DAY} \times (1-0.99)$$
  
[RULE 1303(b) (2)-OFFSET]
6. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE OPERATING TIME OF THIS EQUIPMENT.  
[RULE 1303(b) (2)-OFFSET]

## **FACILITY PERMIT TO OPERATE INDUSTRIAL CONTAINER SERVICES-CA LLC**

7. THE OPERATOR SHALL MAINTAIN A DAILY LOG OF OPERATING TIME OF THIS EQUIPMENT TO DEMONSTRATE COMPLIANCE WITH CONDITION NOS. 4 AND 5. THE LOG SHALL INCLUDE, AT A MINIMUM, THE DATE THE EQUIPMENT IS OPERATED, THE METER READINGS AT THE BEGINNING AND THE END OF OPERATION AND TOTAL TIME THE EQUIPMENT IS OPERATED EACH DAY. THE OPERATOR SHALL CALCULATE THE DAILY  $PM_{10}$  EMISSIONS AS SPECIFIED IN CONDITION NO. 5 FOR EACH ABRASIVE BLASTING MACHINE AND SHALL TOTAL THE EMISSIONS AT THE END OF EACH DAY FROM ALL FOUR MACHINES. THE TOTAL DAILY  $PM_{10}$  EMISSIONS SHALL BE ADDED AT THE END OF EACH CALENDAR MONTH TO VERIFY COMPLIANCE WITH CONDITION 4.  
[RULE 1303(b) (2)-OFFSET]

### **Emissions and Requirements:**

8. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- PM: RULE 1140, SEE APPENDIX B FOR EMISSION LIMITS  
PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS

## **FACILITY PERMIT TO OPERATE INDUSTRIAL CONTAINER SERVICES-CA LLC**

### **RULE 219 EQUIPMENT**

#### **Equipment Description:**

RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS.

#### **Periodic Monitoring:**

1. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

FOR ARCHITECTURAL APPLICATIONS WHERE NO THINNERS, REDUCERS, OR OTHER VOC CONTAINING MATERIALS ARE ADDED, MAINTAIN SEMI-ANNUAL RECORDS OF ALL COATINGS CONSISTING OF (a) COATING TYPE, (b) VOC CONTENT AS SUPPLIED IN GRAMS PER LITER (g/l) OF MATERIALS FOR LOW-SOLIDS COATING AND (c) VOC CONTENT AS SUPPLIED IN g/l OF COATING, LESS WATER AND EXEMPT SOLVENT, FOR OTHER COATINGS.

FOR OTHER ARCHITECTURAL APPLICATIONS WHERE THINNERS, REDUCERS, OR OTHER VOC CONTAINING MATERIALS ARE ADDED, MAINTAIN DAILY RECORDS FOR EACH COATING CONSISTING OF (a) COATING TYPE, (b) VOC CONTENT AS APPLIED IN GRAMS PER LITER (g/l) OF MATERIALS USED FOR LOW-SOLIDS COATINGS AND (c) VOC CONTENT AS APPLIED IN g/l OF COATING, LESS WATER AND EXEMPT SOLVENT, FOR OTHER COATINGS.

[RULE 3004(a)(4)]

#### **Emissions and Requirements:**

2. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 1113, SEE APPENDIX B FOR EMISSION LIMITS

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

## **FACILITY PERMIT TO OPERATE INDUSTRIAL CONTAINER SERVICES-CA LLC**

### **RULE 219 EQUIPMENT**

#### **Equipment Description:**

RULE 219 EXEMPT EQUIPMENT, BOILER, >400,000 BTU/HR AND < 2 MMBTU/HR.

#### **Emissions and Requirements:**

1. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: 0.1 gr/scf, RULE 409  
NOx: 30 PPMV, RULE 1146.2  
CO: 400 PPMV, RULE 1146.2  
CO: 0.1 gr/scf, RULE 407

## **FACILITY PERMIT TO OPERATE INDUSTRIAL CONTAINER SERVICES-CA LLC**

### **RULE 219 EQUIPMENT**

#### **Equipment Description:**

RULE 219 EXEMPT EQUIPMENT, HAND WIPING OPERATIONS.

#### **Emissions and Requirements:**

1. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 109

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

## **FACILITY PERMIT TO OPERATE INDUSTRIAL CONTAINER SERVICES-CA LLC**

### **RULE 219 EQUIPMENT**

#### **Equipment Description:**

RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, LOW USE OR EMISSIONS.

#### **Emissions and Requirements:**

1. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 109

VOC: RULE 1107, SEE APPENDIX B FOR EMISSION LIMITS

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

HAP: 40CFR63 SUBPART Mmmm, SEE SECTION J FOR REQUIREMENTS